Standard No. S24.803
January 8, 1973
(Revised 7/19/90)

CABLE AND WIRE IDENTIFICATION

1.0 SCOPE

1.1 Scope. This document establishes a standard for the identification of cables and wires to be observed by contractors supplying electronic and electrical equipment or systems.

1.2 Application. The requirements of this standard shall apply to equipment or systems developed or made to Government specifications. The requirements apply to both custom and commercial equipment provided by the contractor in order to satisfy, the Government specifications, and to cables and wire connecting such equipment to existing equipment or systems.

1.3 Contracting Officer's Technical Representative. The Contracting Officer's Technical Representative (COTR) shall provide the final interpretation of any conflict between this standard and specific contract requirements.

1.4 Waivers. Any request for waiver of specific requirements of this standard shall be submitted in writing to the COTR and to the Contracting Officer. A request waiver must include: a) identification of the paragraphs for which the waiver is requested; b) identification of the systems, equipment, or components for which the waiver is requested; and c) a discussion of rationale for granting the waiver, including impact on reliability, maintainability, schedule, and cost if the waiver is not granted.

2.0 APPLICABLE DOCUMENTS

None.

3.0 REQUIREMENTS

3.1 General. Cables supplied as part of electronic equipment shall be identified in conformance with this standard.

3.2 Definitions. For the purposes of this standard the following definitions shall apply:

(a) Cable - An interconnecting lead, single or multiconductor, for power, signal, control or grounding.

(b) Intrasystem cable - A cable interconnecting units of the same system *or* subsystem. Cables of this category are numbered WOO01 through W4999.

(c) Intersystem cable - A cable interconnecting units of two or more major systems or subsystems. Cables of this category are numbered W5000 through W9999.

(d) Cable designator - The letter W used to identify the serial sequence numbers as applying to a listed cable. To further identify cable location an additional letter may be prefixed before the W. Currently assigned letters are:

A GOES Station A (Wallops)

B GOES Station B (Wallops)

C GOES Station C/Redundant (Wallops)

C 13 Meter Antenna/RF System (Wallops)

D 8 Meter Antenna/RF System (Wallops)

E 7 Meter Antenna/RF System (Wallops)

F 26 Meter Antenna/RF System (Wallops)

G 14.2 Meter Antenna/RF System (Wallops)

H-S Redundant items and interconnection (Wallops)

T Maintenance, test, and development units (Wallops GOES)

T TIROS (Wallops and Gilmore)

X GOES/TIROS interconnect andmiscellaneous (Wallops and Gilmore).

Z Common or shared units

(Additional assignments will be made as required).

(e) Cable group designator - Cables are grouped according to characteristics and performance. Group classification is denoted by a suffix as listed:

C Control

F RF (radio frequency) and IF (intermediate frequency)

G Grounding

L Logic bits

M Monitor and instrumentation

P Power

PC Patch cords

V Video, audio

(Additional assignments will be made as required).

3.3 Marking System. Each cable shall carry an identification number with identification of near-end and far-end termination. Details are given below.

3.3.1 Cable number. In general, blocks of numbers will be assigned to each system or subsystem for application to the cables. These "W" numbers will be selected in accordance with items (b) and (c) of Section 3.2.

3.3.2 Cable identification. Full cable identification, applied to each end of the cable, consists of the following designators in the order listed:

(a) Near-end connector (jack, plug, terminal) number.

(b) Near-end unit (rack) and/or sub-unit (panel or chassis) number.

(c) System designator prefix letter.

(d) Serial ("W") number.

(e) Cable group designator.

(f) Far-end unit or sub-unit number.

(g) Far-end connnector number.

Note: Legends for the two ends of a cable are reverse images, and the near end connector designation is always adjacent to the near end connector. An example is shown in Figure 1.

3.3.3 Cable markers. Cable identification marker strips, as described herein, shall be prepared and affixed to each cable end. The finished cable marker shall present a neat appearance, with the legend visible when the cable is in place.

3.3.3.1 Indoor cables. Cables installed indoors or in a protected environment shall be marked with a self-laminating type label, Thomas and Betts catalog number WTW-2112 or WTS-2334, or approved equal. Legends shall preferably be typewritten, however, neat, engineering style, hand-lettering may be used for field prepared labels.

3.3.3.2 Outdoor cables. Cables installed outdoors or in exposed locations shall be of a non-corrosive metallic material with the legend applied by embossing, or a plastic material with the legend applied by engraving.

4.0 CONTROL

4.1 Control. Control of the cable numbering system for each system or subsystem shall maintained by the Contractor's cognizant technical officer. All cable number assignments and changes shall be made under his authority.

4.2 Cable codes. Table 1 lists cable codes to be used in compilation of system cable lists. The codes are purely arbitrary. If a contractor requires a type of cable not included, the list will be expanded to include the new requirement.

4.3 Connector codes. Table 2 lists connector codes to be used in compilation of system cable lists. The codes are purely arbitrary. If a contractor requires a connector not included, the list will be expanded to include the new requirement.

TABLE 1

CABLE CODES

CODE	CABLE TYPE
A	AWG #8, 2 Conductor Power Cable
B	AWG #10, 2 Conductor Power Cable
C	AWG #22, Single (1) Twisted Shielded Pair
D	AWG #22, Six (6) Individually Twisted Shielded Pairs
E	AWG #22, 12 Conductor Overall Shield
F	AWG #22, 27 Conductor Overall Shield
G	AWG #22, 37 Conductor Overall Shield
H	AWG #22, 48 Conductor Overall Shield

CODE	CABLE TYPE
I	AWG #22, 72 Conductor Overall Shield
J	AWG #22, Three (3) Pair, Individually Twisted Shielded Pairs
K	AWG #22, Nine (9) Pair, Individually Twisted Shielded Pairs
L	AWG #22, Fifteen (15) Pair, Individually Twisted Shielded Pairs
M	AWG #20, Single Conductor
N	AWG #16, Twelve (12) Conductor
0	AWG #12, Twelve (12) Conductor
P	AWG #16, Twenty-seven (27) Shielded Pair
Q	AWG #20, Fifteen (15) Shielded Pair
R	RG-223/U, Coaxial, 50 ohm
S	RG-214/U, Coaxial, 50 ohm
T	RG-59A/U, Coaxial, 75 ohm
U	RG-71/U, Coaxial, 93 ohm
V	RG-108A/U, Twinaxial, 75 ohm
W	Patch Cord: Trompeter PCW-12-50; 12"/patch plug-to-patch plug/50 ohm
X	Patch Cord: Trompeter PCW-6-50, 6"/patch plug-to-patch-plug/50 ohm
Y	Patch Cord: Trompeter PCW-6-75, 6"/patch plug-to-patch-plug/75 ohm
Z	
AA	Coax, Andrew HJA7-50A
BB	RG-233/U, Phelps Dodge 1-5/8" Styroflex, 50 ohm
CC	RG-232/U, Phelps Dodge 7/8" Styroflex, 50 ohm
DD	RG-247/U, Phelps Dodge 7/8" Styroflex, 75 ohm
EE	RG-253/U, Prodelin 1/2" Spiroline, 50 ohm
FF	RG-254/U, Prodelin 7/8" Spiroline, 50 ohm

CODE	CABLE TYPE
GG	RG-258/U, Prodelin 1-5/8" Spiroline, 50 ohm
HH	AWG #4/0, Single Conductor Stranded, Type TW
II	AWG #8, Single Conductor Stranded, Type TW
JJ	Braid, Tinned Copper 1/2" flat, AWG No. 36 wires
KK	Coaxial, Phelps odge Spirafil II SLA-12-50
LL	RG-179/U, Coax, 75-ohm
MM	AWG #24, Sixteen (16) Individually Twisted Shielded Pairs (compatible for EIA Std RS-232C interface)
NN	AWG #24, Ten (10) Single Conductors, and Twelve (12) Individually Twisted Shielded Pairs (compatible for EIA Std. RS-232C interface)
00	AWG #24, Two (2) Individually Twisted Shielded Pairs (compatible for EIA Std. RS-232C interface)
PP	AWG #24, Twelve (12) Single Conductors and Three (3) Twisted Pairs
RR	AWG #24, Single (1) Twisted Shielded Pair
ss	AWG #24, Two (2) Twisted Pairs Overall Shield
TT	AWG #24, Fifteen (15) Twisted Pairs Overall Shield
W	AWG #24, Four (4) Twisted Pairs Overall Shield
VV	AWG #24, Five (5) Twisted Pairs Overall Shield
WW	AWG #28, Twenty-five (25) Conductor Ribbon
xx	AWG #28, Fifty (50) Conductor Ribbon
YY	AWG #18, Three (3) Conductor
ZZ	AWG #18, Ten (10) Conductor
a	AWG #18, Eleven (11) Conductor
b	AWG #18, Twelve (12) Conductor
c	AWG #18, Seventeen (17) Conductor
d	AWG #18, Twenty-six (26) Conductor
e	AWG #20, Eight (8) Conductor

CODE	CABLE TYPE
f	AWG #20, Fifteen (15) Conductor
g	AWG #18, Thirty-seven (37) Conductor
h	AWG #22, Six (6) Conductor
i	AWG #22, Twenty-four (24) Conductor
j	AWG #24, Twelve (12) Conductor
k	AWG #26, Fifty (50) Conductor
1	AWG #20, Twenty-Seven (27) Pairs
m	AWG #20, Seventy-Five (75) Pairs
n	AWG #18, Six (6) Pairs, Individually Twisted Shielded Pairs
o	AWG #18, Nine (9) Pairs, Individually Twisted Shielded Pairs
P	AWG #18, Sixteen (16) Pairs, Individually Twisted Shielded Pairs
q	AWG #20, One (1) Pair, Individually Twisted Shielded Pair
r	AWG #20, Three (3) Pairs, Individually Twisted Shielded Pairs
s	AWG #20, Five (5) Pairs, Individually Twisted Shielded Pairs
t	AWG #22, Fifteen (15) Pairs, Individually Twisted Shielded Pairs
u	AWG #18, Six (6) Pairs, Individually Twisted Shielded Pairs
v	
w	AWG #22, Five (5) Pairs, Individually Twisted Shielded Pairs
x	350004
Y	350005
z	350008
aa	350010

CODE	CABLE TYPE
bb	350012
cc	350013
dd	350014
ee	350015
ff	350016
gg	350020
hh	350023
ii	310812
jj	AWG #2
kk	AWG #12, Two (2) Conductor Power Cable
11	AWG #12, Three (3) Conductor Power Cable
mm	AWG #16, Three (3) Conductor Power Cable
nn	AWG #16, Six (6) Conductor Power Cable
00	AWG #16, Seven (7) Conductor Power Cable
PP	AWG #12, Four (4) Conductor, SO Power Cable
qq	AWG #2, Four (4) Conductor, SO Power Cable
rr	RG-218 Coaxial
ss	3" Coaxial (Cablewave) 16733-810905-001 HCC 300 505 210
tt	1/2 " Foamflex (Cablewave) 810918-001 FLG
uu	AWG #20, Nineteen (19) Conductor
vv	AWG #20, Thirty-seven (37) Conductor
ww	AWG #20, Three (3) Conductor
xx	FLC12-50J Coax 50 Ohm Foam Filled
yy	FSJ1-50 1/4" Coax
zz	AWG #20, Sixteen (16) Pairs, Individually Twisted Shielded Pairs
AAA	AWG #16, Fifty (50) Conductor Overall Shielded

BBB	AWG #16, Six (6) Individually Twisted Shielded Pairs
CCC	AWG #20, Twelve (12) Individually Twisted Shielded Pairs

CODE	CABLE TYPE
DDD	AWG #24, Six (6) Individually Twisted Shielded Pairs
EEE	AWG #20, Fifty (50) Conductor Overall Shielded
FFF	AWG #20, Six (6) Individually Twisted Shielded Pairs
GGG	AWG #22, Thirty-Seven (37) Single Conductor Spiral Wrap
HHH	AWG #22, Fifty (50) Single Conductors Spiral Wrap
III	AWG #16, Eight (8) Conductor
JJJ	AWG #20, Twenty-five (25) Conductor
KKK	
LLL	AWG #16, Four (4) Conductor
MMM	AWG #20, Two (2) Pairs, Individually Twisted overall Shielded
NNN	AWG #16, Two (2) Conductor
000	AWG #18, Four (4) Conductor
PPP	AWG #18, Eight (8) Conductor
QQQ	LDF4-50A Semi-Rigid by Andrews
RRR	AWG #24, Twelve (12) Individually Twisted Shielded Pairs
SSS	AWG #22, Twenty-Seven (27) Single Conductors, Spiral Wrap
TTT	AWG #20, Thirty (30) Conductor

TABLE 2

CONNECTOR CODES

CODE	CONNECTOR
1	UG-260D/U Type-BNC, straight plug, RG/U-59
2	Terminal lug, crimp appropriate size to fit wire and stud

3	XL12-3-15	Cannon ITT, Audio
4	MS3106A-36-10P	Circular, straight plug, 48 pin, male
CODE	CONNECTOR	
5	MS3100A-36-10S	Circular, wall receptable, 48 pin, female
6	MS3106A-28-12S	Circular, straight plug, 26 pin, female
7	MS3106A-24-5S	Circular, straight plug, 16 pin, female
a	UG-88/U	Type-BNC, Straight plug, RG/U-58/141/142
9	UG-21D/U	Type-N, Straight plug, RG/U-8/9/213
10	UG-94A/U	Type-N, Straight plug, RG/U-11/13
11	UG-536B/U	Type-N, Straight plug, RG/U-58/141
12	UG-111/U	Type-UHF, Straight plug, RG/U-59/62
13	UG-603/U	Type-N, Straight plug, RG/U-59/62/71
14	Dage S004-1	Type-TNC
15	Direct solder to terminals installed	
16		
17	P-408-CCT	TRW/Cinch Jones Plug, 8 pin
18	200277-4	AMP
19		
20	zx 13	Printed circuit connector
21	200276-4	AMP
22	320266-a	AMP
23	320663-a	AMP
24	MS3106A-20-3P	Circular, Straight plug, 3-pin, male
25	87R	Andrew
26	735540	Phelps Dodge, EIA Flange
27	735501	Phelps Dodge, 1 5/8" Type-N, male
28	735502	Phelps Dodge, 1 5/8" Type-N, female

29	735503	Phelps Dodge, 1 5/8" Splice
30	UG/260B/U	Type-BNC, Straight plug, RG/U-59/62/71
31	6000	Gremar, Type-TNC, male, RG/U-58/223
CODE	CONNECTOR	
32	6005	Gremar, Type-TNC, male, RG/U-59/71
33	5334	Type-N, male, 50 ohm
34	735140	Phelps Dodge, Type-N, male, 7/8"
35	735141	Phelps Dodge, Type-N, female, 7/8"
36	73402	Phelps Dodge, Splice, 7/8"
37	ST78-75NM	Phelps Dodge, Type-N, female, 7/8", 75 ohm
38	ST78-75NF	Phelps Dodge, Type-N, female, 7/8", 75 ohm
39	ST78-75S	Phelps Dodge, Splice, 7/8", 75 ohm
40	96-500	Prodelin, Type-N, male bulkhead, 1/2"
41	96-875	Prodelin, Type-N, male bulkhead, 7/8"
42	96-1625	Prodelin, Type-N, male bulkhead, 1 5/8"
43	735751	Phelps Dodge, Type-N, female, 1/2"
44	MS-50-PM834	Burndy, 50 pin, male
45	MS-50-RM824	Burndy, 50 pin, female
46	MS-26-PM824	Burndy, 26 pin, male
47	MS-26-RM824	Burndy, 26 pin, female
48	MS-39012/16-002	Type-BNC plug, RG/U-59
49	31-315	Amphenol, Type-BNC, straight plug, RG/U-17
50	DB-25P	TRW/Cinch, Type-"D", 25 pin, male
51	MS-15-PM824	Burndy, 14 pin, male
52	MS-34-PM804	Burndy, 34 pin, male
54	31-2373	Amphenol, Type-TNC

55	220-1N052	Amphenol, 52 pin, female
56	MS-3106E-20-29P	Circular, straight plug, 17 pin, male
57	MS-3106E-145-2P	Circular, straight plug, 17 pin, male
58	MS-3103-145-9P	Circular, straight plug, 17 pin, male

CODE	CONNECTOR	
59	MS14RM824	Burndy, 14 pin, female
60	3461-0000	3M, 20 pin, ribbon
61	3415-0000	3M, 50 pin, ribbon
62	MRAC42SJTC6H	Winchester, 42 pin, female
63	MRAC14PJTC6H13	Winchester, 14 pin, female
64	MRAC42PJTC6H	Winchester, 42 pin, male
65	201355-3	AMP
66	573014-O	AMP
67	573050-O	Amphenol
68	993188-8	Amphenol
69	200271-4	Amphenol
70	200838	Amphenol
71	201358-3	Amphenol
72	201443-2	Amphenol
73	203757-3P	Amphenol
74	CA32-2010-10P	ITT, Cannon
75	CA32-2010-10S	ITT, Cannon
76	CA06RXA20-29S	ITT, Cannon
77	CA06RXA280-1P	ITT, Cannon
78		
79	CA06RXA28-1S	ITT, Cannon
80	CA06RXA28-12S	ITT, Cannon
81	CA06RXA28-21	ITT, Cannon

82	MS17804-16-20-1	
83	MS17803-16-20-2	
84	MS25035-112-3	
85	MS3102-22-14S	Circular, box receptacle, 19-pin, female

CODE	CONNECTOR	
86	MS3102A-14S-6P	Circular, box receptacle, 6-pin, male
87	MS3102E-20-27P	Circular, box receptacle, 14-pin, male
88	MS3102E-22-14S	Circular, box receptacle, 19-pin, female
89	MS3102-16-9P	Circular, box receptacle, Q-pin, male
90	MS3102-20-27S	Circular, box receptacle, 14-pin, female
91	MS3102R-20-29S	Circular, box receptacle, 17-pin, female
92	MS3106E-18-1P	Circular, straight plug, lo-pin, male
93	MS3106A-18-1S	Circular, straight plug, lo-pin, female
94	MS3106A-18-PC	
95	MS3106A-20-29P	Circular, straight plug, 17-pin, male
96	MS3106A-20-29S	Circular, straight plug, 17-pin, female
97	MS3106E-12S-3P	Circular, straight plug, 2-pin, male
98	MS3106E-14S-5S	Circular, straight plug, 5-pin, female
99	MS3106E-14S-6P	Circular, straight plug, 6-pin, male
100	MS3106E-14S-6S	Circular, straight plug, 6-pin, female
101	MS3106E-14S-8P	Circular, straight plug,
102	MS3106E-16S-8P	Circular, straight plug, 5-pin, male
103	MS3106E-20-7P	Circular, straight plug, 8-pin, male
104	MS3106E-20-7S	Circular, straight plug, 8-pin, female
105	MS3106E-20-20P	Circular, straight plug, 4-pin, male
106	MS3106E-20-27S	Circular, straight plug, 14-pin, female
107	MS3106E-20-29P	Circular, straight plug, 17-pin, male
108	MS3106E-20-29S	Circular, straight plug, 17-pin, female

CODE	CONNECTOR	
109	MS3106E-20-35	
110	MS3106E-22-14S	Circular, straight plug, 19-pin, female
111	MS3106E-22-18S	Circular, straight plug, 8-pin, female
112	MS3106E-22-20P	Circular, straight plug, 9-pin, male
113	MS3106E-24-28S	Circular, straight plug, 24-pin, female
114		
115	MS3106E-24-28P	Circular, straight plug, 24-pin, male
116	MS3106E-28-12P	Circular, straight plug, 26-pin, male
117	MS3106E-28-12S	Circular, straight plug, 26-pin, female
118	MS3106E-28-21S	Circular, straight plug, 37-pin, female
119	MS3106E-28-21P	Circular, straight plug, 37-pin, male
120	MS3106E-28-10P	Circular, straight plug, 7-pin, male
121	MS3106E-26-10S	
122	MS3106ER-20-4S	Circular, straight plug, 4-pin, female
123	MS3106ER-20-10P	
124	MS3106ER-20-11P	Circular, straight plug, 13-pin, male
125	MS3106ER-20-11S	Circular, straight plug, 13-pin, female
126	MS3106-10SL-4S	Circular, straight plug, 2-pin, male
127	MS3108E-14S-5P	Circular, angle plug, 5-pin, male
128	MS3108E-20-29P	Circular, angle plug, 17-pin, male
129	ST158-50LT	Phelps Dodge
130	SE63264P	
131	SE602301-6	
132	SE66162-3	
133	SE83264-0	
134	10624	ELCO

135	KS-16690L1	
136	L5-20P	
137	L5-20R	
138	3M34	3M
139	201355-l	Amp, 14 Position

CODE	CONNECTOR	
140	202704-l	Amp, 40 Position
141	8016-020-000-709	ELCO, 20 Pin
142	8016-056-000-709	ELCO, 56 Pin
143	8016-056-000-703	ELCO, 56 Pin
144	8016-038-000-709	ELCO, 38 Pin
145	8016-038-000-703	ELCO, 38 Pin
146	8016-020-000-703	ELCO, 20 Pin
147	PL75-9	Twinax Plug
148	202950-l	Amp, 40 Position, Socket
149	UG-154A/U	LG Connector for RG-218
150	738355	3" Coax Connector (Cablewave)
151	201298-3	Amp, 14 Position
152	MS3106E28-16P	Cannon, Straight Plug, 20 Pin
153	MS3106E28-16S	Cannon, Straight Plug, 20 Pin
154	MS3106El6S-5P	Cannon, Straight Plug, 3 Pin
155	10-214620-11P	Bendix, Straight Plug, 13 Pin
156	10-214-622-14s	Bendix, Straight Plug, 19 Pin
157	10-2146l4-7P	Bendix, Straight Plug, 3 Pin
158	MS3106A-10SL-35C	
159	738802	N Male for Cable FLS 12-50-J
160	738801	N Female for Cable FLS-12-50-J
161	226916-1	N Male for RG214

162	PE4109	BNC Male for RG214
163	PE4212	BNC Female for RG214
164	205209-l	AMP, Connector Receptacle, 37-Socket
165	MS3122El4-l9SW	ITT Cannon, Circular, Box MGT. 19-Pin Female, Alternate Position

CODE CONNECTOR

166	MS3122El8-32SW	ITT Cannon, Circular, Box MGT. 32-Pin Female, Alternate Position
167	MS3122El4-l9SX	ITT Cannon, Circular, Box MGT. 19-Pin Female, Alternate Position
168	MS3122El4-l9PW	ITT Cannon, Circular, Box MGT. 19-Pin Female, Alternate Position
169	MS3122El4-l9PX	ITT Cannon, Circular, Box MGT. 19-Pin Female, Alternate Position
170	MS3122El8-32PW	ITT Cannon, Circular, Box MGT. 32-Pin Female, Alternate Position
171	DCMA-37P	ITT Cannon, 37-Pin, D-Female
172	2648	Thomas & Betts, Cord Grip, Liquidtight, 1" Str.
173	6002	Thomas & Betts, Conduit Fitting, 3/4" Str.
174	MS3122El2-lOS	ITT Cannon, Circular, Box MGT. 10-Pin Female
175	41SWT	TNC Plug for FSJ1-50
176	3304	Thomas & Betts, 2-Screw Connector 1" Hub
177	3303	Thomas & Betts, 2-Screw Connector 3/4" Hub
178	MS3122El4-l9S	ITT Cannon, Circular, Box MGT. 19-Pin, Female
179	MS3122El8-32P	ITT Cannon, Circular, Box MGT. 32-Pin, Male
180	AT283-22	ABBOTEC, Nut Plate Connector Shell Size 22

181	AT283-14	ABBOTEC, Nut Plate Connector Shell Size 14
182	MS3122E22-55P	ITT Cannon, Circular, Box MGT. 55-Pin, Male
183	609-015	Thomas & Betts, Ribbon Connector
184	609-024	Thomas & Betts, Ribbon Connector

CODE CONNECTOR

185	DCMA-37S	ITT Cannon, 37-Pin, D, Female
186	DBMA-2SP	ITT Cannon, 25-Pin, D, Male
187	MS3122El8-32S	ITT Cannon, Circular, Box MGT. 32-Pin, Female
188	MS3122El4-l2S	ITT Cannon, Circular, Box MGT. 8-Pin, #20 Female; 4-Pin, #16 Female
189	MS3122El4-l2SW	Same as Above Except Alternate Position
190	3302	Thomas & Betts, 2-Screw Connector Insulated
191	3303	Thomas & Betts, 2-Screw Connector Insulated
192	3304	Thomas & Betts, 2-Screw Connector Insulated
193	2633	Thomas & Betts, Cord-grip, Liquidtight 1/2" Str.
194	2641	Thomas & Betts, Cord-grip, Liquidtight 3/4" Str.
195	6001	Thomas & Betts, Flex Conduit Fitting 1/2" Str.
196	6012	Thomas & Betts, Flex Conduit Fitting 1/2" Elbow
197	MS3122El4-l9P	ITT Cannon, Circular, Box MGT. 19-Pin, Male
198	MS3122E22-55S	ITT Cannon, Circular, Box MGT. 55-Pin, Female
199	L44N	Andrews, Type N

5.0 DOCUMENTATION

5.1 Cable list. The contractor shall fully document all cables supplied as part of the equipment. The cable list shall give the following information for each cable:

(a) Assigned cable number

(b) Marking applied at one end of cable

(c) Marking applied at other end of cable

(d) Location of both cable ends

(e) Type of connectors at each end

(f) Type of wire or cable employed

(g) Purpose of cable

(h) Cable length in feet

(i) Other pertinent information
(i.e., solder/crimp; tooling required)

The required information shall be organized and presented in a logical, preferably tabular, form. The cable list shall be incorporated into the equipment maintenance and operation manual (NOAA/NESDIS Standard No. S24.801, "Preparation of Operator and Maintenance Manuals"). Sample forms suitable for cable fabrication documentation and system cableing sumation are attached (Attachment 1: "Cable Fabrication Chart," and Attachment 2: "Cable Runs List."

ATTACHMENT #1

"CABLE FABRICATION CHART

TITLE: .

Page ______ of ______

CABLE FABRICATION CHART

Connector Type Contact Type	Cable Type Cable # ________ Cable Length		Connector Type Contact Type	
Contact #	PR/ Wire #	Color Code	Contact #	Remarks/Function

ATTACHMENT #1

"CABLE FABRICATION CHART"

Attachment **#2**

"CABLE RUNS LIST"

Title: CABLE RUNS LIST Page of

Cable			Conn Type	From	To	Conn Type	Remarks/Function
"W" No.	Length (feet)	Type					

S-11 (4-21-77)

Attachment #2

"CABLE RUNS LIST"